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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/591,620	06/06/2007	Zhi-Zhong Yu	040257	3308
23696 7590 02/09/2011 OUAL.COMM INCORPORATED			EXAMINER	
5775 MOREHOUSE DR.			DOAN, PHUOC HUU	
SAN DIEGO,	CA 92121		ART UNIT	PAPER NUMBER
			2617	•
			NOTIFICATION DATE	DELIVERY MODE
			02/09/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail $\,$ address(es):

us-docketing@qualcomm.com

Office Action Summary

Application No.	Applicant(s)	
10/591,620	YU, ZHI-ZHONG	
Examiner	Art Unit	
PHUOC DOAN	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION

after - If NC - Failu Anyr	sions of time may be available under the provisions of 37 CFR 1.138(a). In no event, however, may a reply be limely filled SIX (6) MONTHS from the mailing date of this communication, period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication, to reply within the set or extended period for reply will, by statute, cause the application to become ASAMDONED (38 U.S.C. § 133), sply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any diparent twan adjustment. See 37 CFR 1.170(b).
Status	
2a)	Responsive to communication(s) filed on 21 December 2010. This action is FINAL. 2b) This action is non-final. Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.
Dispositi	on of Claims
5) 🛭 6) 🖾 7) 🗀	Claim(s) 1-24 and 26-33 is/are pending in the application. 4a) Of the above claim(s) 26-33 is/are withdrawn from consideration. Claim(s) 1-4 and 10-24 is/are allowed. Claim(s) 5-9 is/are rejected. Claim(s) is/are objected to. Claim(s) 26-33 are subject to restriction and/or election requirement.
Applicati	on Papers
10)	The specification is objected to by the Examiner. The drawing(s) filled onis/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.
Priority u	nder 35 U.S.C. § 119
a)[Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). All b Some * c None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). ee the attached detailed Office action for a list of the certified copies not received.
Attachmen	(s)
1) Notice 2) Notice 3) Inform	of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PTO-942) aution Disclosure Statement(s) (PTO-SB08) 5) Notice of Informal Patent Application Noticy Mail Date 6) Other

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DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claims 1-24, 26-33 have been considered but are moot in view of the new ground(s) of rejection.

Claim Objections

1. Claims 5-9 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim 1, 2. See MPEP § 608.01(n). Accordingly, the claim 5-9 not been further treated on the merits.

Suggestion: for example, "Claim 5. The method of claim 1 or 2"

Election/Restrictions

- Restriction to one of the following inventions is required under 35 U.S.C.
 121:
 - I. Claims 1-24, drawn to method, system that effecting a smooth transition between adjacent digital information burst where in different modulation formats based on first and second digital symbol burst, classified in class 370, subclass 342.

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II. Claims 26-33, drawn to devices that of digital information to transmit with a phase and amplitude of a signal where they based on phase and amplitude, classified in class 370, subclass 345.

The inventions are distinct, each from the other because of the following reasons:

Inventions Group I and Group II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention Group II has separate utility such as that further distinct in specific of function such as involved a phase and amplitude of a signal where they based on phase and amplitude in the radio signal. Therefore, it was clearly distinct from group I with furthermore the claimed inventive that involved of transition between adjacent digital information burst where in different modulation formats based on first and second digital symbol burst. See MPEP § 806.05(d).

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

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Allowable Subject Matter

Claims 1-24 are allowed.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUOC DOAN whose telephone number is (571) 272-7920. The examiner can normally be reached on Mon-Tue, Thu-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, LESTER KINCAID can be reached on 571-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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